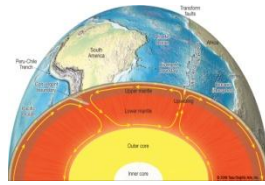


Plate Tectonics

By the End of this Unit...



Know	Understand and be able to ...
Vocabulary	Concepts
Seismic waves	Explain how geologists learned about Earth's inner structure
Pressure	
Crust	Identify the characteristics of Earth's crust, mantle and core
Basalt	
Granite	Explain how heat is transferred
Mantle	
Outer core	Identify what causes convection currents
Inner core	
Radiation	Describe & Diagram convection currents in Earth's mantle
Conduction	
Convection	Explain Wegener's hypothesis about the continents
Density	
Convection current	
Continental drift	
Pangaea	
Fossil	
Mid-ocean ridge	

Sonar	List the evidence used by Wegener to support his hypothesis
Sea-floor spreading	
Deep-ocean trench	
Subduction	
Plate	List the Evidence for sea-floor spreading
Plate tectonics	
Theory	
Fault	
Divergent boundary	Explain the process of sea-floor spreading
Convergent boundary	
Transform boundary	
Rift valley	
	Describe the process of Subduction
	Explain the theory of plate tectonics
	Describe the three types of plate boundaries